

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/986,234C
Source: 1600 - EFS
Date Processed by STIC: 7-6-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 07/06/2005

PATENT APPLICATION: US/09/986,234C

TIME: 07:59:48

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt

Output Set: N:\CRF4\07062005\I986234C.raw

```

3 <110> APPLICANT: Lazar, Mitchell A.
5 <120> TITLE OF INVENTION: Methods, Compositions and Kits Relating to Resistin
7 <130> FILE REFERENCE: UPN-L2066AUSA
9 <140> CURRENT APPLICATION NUMBER: 09/986,234C
10 <141> CURRENT FILING DATE: 2001-10-22
12 <150> PRIOR APPLICATION NUMBER: PCT/US00/11272
13 <151> PRIOR FILING DATE: 2000-04-27
15 <150> PRIOR APPLICATION NUMBER: US 60/131,263
16 <151> PRIOR FILING DATE: 1999-04-27
18 <160> NUMBER OF SEQ ID NOS: 6
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 576
24 <212> TYPE: DNA
25 <213> ORGANISM: Mus musculus
27 <400> SEQUENCE: 1
28 gtgggacagc gagctaatac ccagaactga gttgtgtcct gctaagtcct ctgccacgta      60
30 cccacgggat gaagaacctt tcatttcccc tccttttcct tttcttcctt gtccctgaac      120
32 tgctgggctc cagcatgcca ctgtgtccca tcgatgaagc catcgacaag aagatcaaac      180
34 aagacttcaa ctccctgttt ccaaatgcaa taaagaacat tggcttaaat tgctggacag      240
36 tctcctccag agggaagttg gcctcctgcc cagaaggcac agcagtcttg agctgctcct      300
38 gtggctctgc ctgtggctcg tgggacattc gtgaagaaaa agtgtgtcac tgccagtgtg      360
40 caaggataga ctggacagca gcccgtctgt gtaagctgca ggtcgcttcc tgatgtcggg      420
42 gaagtgagcg tggtttccag cacagccacc cgttcctgta gctccagaga tgtctgatgt      480
44 cctccggtct ctacaggcac ctgcactcac gtgcgcgaat ccacacacaa gcacacatac      540
46 ttaaaaataa aacaaaacag gctggaaaaa aaaaaa      576
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 114
51 <212> TYPE: PRT
52 <213> ORGANISM: Mus musculus
54 <400> SEQUENCE: 2
56 Met Lys Asn Leu Ser Phe Pro Leu Leu Phe Leu Phe Phe Leu Val Pro
57 1      5      10      15
60 Glu Leu Leu Gly Ser Ser Met Pro Leu Cys Pro Ile Asp Glu Ala Ile
61      20      25      30
64 Asp Lys Lys Ile Lys Gln Asp Phe Asn Ser Leu Phe Pro Asn Ala Ile
65      35      40      45
68 Lys Asn Ile Gly Leu Asn Cys Trp Thr Val Ser Ser Arg Gly Lys Leu
69 50      55      60
72 Ala Ser Cys Pro Glu Gly Thr Ala Val Leu Ser Cys Ser Cys Gly Ser
73 65      70      75      80
76 Ala Cys Gly Ser Trp Asp Ile Arg Gly Gly Lys Val Cys His Cys Gln
77      85      90      95

```

RAW SEQUENCE LISTING

DATE: 07/06/2005

PATENT APPLICATION: US/09/986,234C

TIME: 07:59:48

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt

Output Set: N:\CRF4\07062005\I986234C.raw

```

80 Cys Ala Arg Ile Asp Trp Thr Ala Ala Arg Cys Cys Lys Leu Gln Val
81      100      105      110
84 Ala Ser
88 <210> SEQ ID NO: 3
89 <211> LENGTH: 479
90 <212> TYPE: DNA
91 <213> ORGANISM: Homo sapiens
94 <220> FEATURE:
95 <221> NAME/KEY: misc_feature
96 <222> LOCATION: (140)..(140)
97 <223> OTHER INFORMATION: can be a, c, t or g
99 <400> SEQUENCE: 3
100 gtgtgccgga tttggttagc tgagcccacc gagaggcgcc tgcaggatga aagctctctg      60
102 tctcctctc ctccctgtcc tggggctgtt ggtgtctagc aagacctgt gctccatgga      120
W--> 104 agaagccatc aatgagaggn tccaggaggt cgccggctcc ctaatatatta gggcaataag      180
106 cagcattggc ctggagtgcc agagcgtcac ctccaggggg gacctggcta cttgcccccg      240
108 aggccttcgcc gtcaccggct gcacttgttg ctccgcctgt ggctcgtggg atgtgcgcgc      300
110 cgagaccaca tgtcactgcc agtgcgcggg catggactgg accggagcgc gctgctgtcg      360
112 tgtgcagccc tgaggtcgcg cgcagcgcgt gcacagcgcg ggcggaggcg gctccaggtc      420
114 cggagggggtt gcggggggagc tggaaataaa cctggagatg atgatgatga tgatgatgg      479
117 <210> SEQ ID NO: 4
118 <211> LENGTH: 107
119 <212> TYPE: PRT
120 <213> ORGANISM: Homo sapiens
122 <400> SEQUENCE: 4
124 Met Lys Ala Leu Cys Leu Leu Leu Leu Val Leu Gly Leu Leu Val Ser
125 1      5      10      15
128 Ser Lys Thr Leu Cys Ser Met Glu Glu Ala Ile Asn Glu Arg Ile Gln
129      20      25      30
132 Glu Val Ala Gly Ser Leu Ile Phe Arg Ala Ile Ser Ser Ile Gly Leu
133      35      40      45
136 Glu Cys Gln Ser Val Thr Ser Arg Gly Asp Leu Ala Thr Cys Pro Arg
137      50      55      60
140 Gly Phe Ala Val Thr Gly Ser Thr Cys Gly Ser Ala Cys Gly Ser Trp
141 65      70      75      80
144 Asp Val Arg Ala Glu Thr Thr Cys His Cys Gln Cys Ala Gly Met Asp
145      85      90      95
148 Trp Thr Gly Ala Arg Cys Cys Arg Val Gln Pro
149      100      105
152 <210> SEQ ID NO: 5
153 <211> LENGTH: 4420
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 5
158 aacctagcca acatggtgaa actccttctc tactaaaaat acaaaaatta gccaggatat      60
160 gtggcgagcg cctgtagtcc cagctacgtg ggaggctgag gcaggagaat cgcttgaacc      120
162 caggaggcag aggccttgccg tgagccgaga ttgcaccact gcactccagc ctgggcaaca      180
164 gagcgagacc ctgtctcaaa aaaaaaaaaac ttggtttcgt gtggtgtatc ttcgcttggt      240
166 tctgtgtgat ctgtgattgt ccttctgtcg tttcttggtt ttctcttatt ctggcgctgt      300

```

RAW SEQUENCE LISTING

DATE: 07/06/2005

PATENT APPLICATION: US/09/986,234C

TIME: 07:59:48

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt

Output Set: N:\CRF4\07062005\I986234C.raw

168	tatgtttgcgc	tgtgcttcgt	ttggtttctac	tgtttttctgt	ttcctttcttt	ctcgttttttg	360
170	tcagtcgtct	tgtctgtctc	cgcagcgcgc	ttgtcactct	ggtcgcgttg	cctgtacgtc	420
172	attcgctcgt	ctgcctgctc	gttatcgttc	tcgcatgatt	gttttctctcc	gggatcgcat	480
174	ggctgctccc	cttcttgtat	gtcttcttgt	ctcctgggct	cgtcttctcc	cgtcttctcg	540
176	tttgtctttc	attctctctt	ttcattctct	tttctttcac	aattacattt	cctctccgac	600
178	agtgagtcga	ttgtctagt	tcaggggaag	ggaagggaag	aaacgaaacc	ctggggggga	660
180	tctaggagca	gacaagtccc	ctgctctgtg	ttttcataat	ctagtatcca	ggaaggggta	720
182	agcaccctgc	gtgtatctgg	ttgtaactaa	ctactcacia	ctgcacttgc	ctgtgtgaaa	780
184	acgtgagctt	gtgatgatgc	gtgacgtcag	gtaggcgctc	ctgactctcc	gtaacccaac	840
186	tttgctgtg	ccttggggat	tcctccttgc	aggtaggaag	tgaggggtac	aggttccagc	900
188	tctgggctga	gacatgattc	agggttccac	cctgacctgg	ggctcctgga	gtcttggggc	960
190	cctggagggt	cccgctccact	gcccagactg	acccagggtc	tcgatgaagc	ctcattatga	1020
192	ggactggggg	aaaaggaccc	agccacttcc	tggggagggtc	ggagaccca	gggtgagcgt	1080
194	caaggtagcc	tcaaagatga	gacgtcacct	cttgaaggca	gccatgagcc	ttgggtgggg	1140
196	acgtcactag	aggaagttca	ggccctattt	tcggaggaag	cagttggaga	ccccatagga	1200
198	ggaagggcga	tggggcagta	gaaagtcgcg	gtgtccccgc	cccctccagc	agctacgcgc	1260
200	cccactctct	tggagacgct	agatcagtc	ctccgggctt	actaaagaaa	ccacgcaggg	1320
202	ctcagatccg	ctccatcatc	atcatcatca	tcacatcatc	catctccagg	tttatttcca	1380
204	gctccccgc	aacccctccg	gacctggagc	cgcctccgcc	cgcgctgtgc	acgcgctgcg	1440
206	cgcgacctca	gggctgcaca	cgacagcagc	gcctccgggt	ccagtccatg	cccgcgcact	1500
208	ggcagtgaca	tgtggtctcg	gcgcgcacat	cccacgagcc	acaggcggag	ccacaagtgc	1560
210	agccggtgac	ggcgaagcct	gcagcccggg	acacaggagc	gtggactctg	agctgggagg	1620
212	ctgagggtgg	gagcgggagg	ggggtgggga	gcgcggaggg	gggttggggg	ggcgggggtg	1680
214	gggacgggga	cggctggagg	ctccaaccac	tgaatgggca	ctggaggcag	ggagtgaggg	1740
216	tggacaccag	tgtccagatg	gtgggcggag	aaggctggga	gtcaggacca	agatcctagg	1800
218	ggagtagagg	ctggacacgg	ggaacgtggc	ggggaggggg	cattcccagg	ggacttggaa	1860
220	cagaaatggg	cgcctggaca	acagtctcct	gcactcacct	cgggggcaag	tagccaggtc	1920
222	ccccctggag	gtgacgctct	ggcactccag	gccaatgctg	cttattgccc	taaatactgg	1980
224	ggggcaggag	gaaaggagac	agggggagct	gtgagaccaa	acggtccctc	ccccatcctc	2040
226	ccctagccct	gttgggtttg	agctagggtc	ctgtgggcat	aggagctcac	tggcctccag	2100
228	gaccctgtct	tgagttgggt	gtttttggag	aagggaaggt	ttggagttag	agcggggatt	2160
230	gggtttggag	ccgtggataa	ggtggggaca	gtcggagggg	ttgggagtgg	agttgggggt	2220
232	gaatttatga	tctggttggg	tttgaggatg	agatttgggt	agcgtctggg	ctgggttggg	2280
234	gtcaggtctg	tgccagggat	cagttaggtc	tctgagacct	ttggggagct	tgcccaagtg	2340
236	gggggtcctc	acttagggag	cgggcgacct	cctggatcct	ctcattgatg	gcttcttcca	2400
238	tggagcacag	ggtcttgcct	gacaccaaca	gccccaggac	agggaggagg	aggagacaga	2460
240	gagctttcat	cctgcaggcg	ctgaaagagg	gaaccaagag	acccacagct	ggatcagccc	2520
242	tgccctgtgg	ggaagatccg	gcccattggg	ggagttaggat	ctgcccctgg	acctggaccc	2580
244	ctgtcccccc	atgtggggga	cagggatgga	ggctcagcct	tgaccccgag	ctccccgctg	2640
246	gtgccatggc	aagcgcagga	gcagctgtca	cttaccctct	cgggtgggctc	agctaaccac	2700
248	atccggcaca	cgaattcctg	caccgcagct	ctttcttttg	ggcctcttgg	ggtggggctt	2760
250	cctggcttgg	ctaataagtc	cctgggcccc	caaccctccg	gtccacatc	cggggccaag	2820
252	aggaagcccc	tgagcagaca	gtaagggtcg	gaggaggaag	ggagccttcc	cacttccaac	2880
254	agggcctccg	tcttcatgtc	cagagactgg	tcaggagggtg	gtgccccagg	gataatgcca	2940
256	ggggctgtgg	tctgaggaac	aggtagacaa	gcagagtttt	gcatgcaagg	gtggctgatg	3000
258	caaacatgac	aaaattaatg	cctcttgcta	ggcatggtgc	ggacaagcac	ttgtagtccc	3060
260	agctactaag	gaggctgacg	tgagagaatt	gcttgagccc	gggagttcga	agctacagtg	3120
262	acttatgatc	acagcactgc	actccagtct	gggcaacaga	gcaagaccac	ttctctaaaa	3180
264	tagtaataat	aattatgtct	ctgggtgaga	atgacatacc	acattcatat	ccaaatgccc	3240

RAW SEQUENCE LISTING

DATE: 07/06/2005

PATENT APPLICATION: US/09/986,234C

TIME: 07:59:48

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt

Output Set: N:\CRF4\07062005\I986234C.raw

```

266 atgagcaata gaactggtaa ataaaatcat ggtttatggc cgggtggctca cgcttgaat 3300
268 cccagcactt tgggaggcca aggcgggcgg atcacttgag gtcaggagct tgagaccaac 3360
270 ctggccaaca tgatgaaacc ctgtctccat tagacataca aaaattaact gggcgtgggtg 3420
272 gcgtgtgcct gtaatcccag ctacttggga ggctgaggtg ggagaatcac ttgaaccgg 3480
274 gatgtggagg ttgcagtgcg ctgagatcgt gcccctgcac tccatcctgg atgactagct 3540
276 tgggcaccat agcaagactc catctcaaaa agaagaaaga aaaatcatgg tttattccat 3600
278 caatggcatc acctgcaaca gaagttggaa agccattgct catgggocaa ggtccagctc 3660
280 atgtttcttc ttggaccacc catgagcttg gaatggttat acatttttat ttgttctttg 3720
282 tttccagtac aacgggcctt tttgtggtaa aatacatata acatacaact taccattata 3780
284 acttactttt ttctgttttt gagacggaat cttgctctgt cggccaggct ggagtgcagt 3840
286 ggcgcatct cggctcacta caagctccgc ctctgggtt cagccattc tcctgcttca 3900
288 gcctcccaag tagctgggac tacaggcgcc tgccaccacg cccagctaatt ttttgtatt 3960
290 ttttttttt tagtagagat ggagtttcac cgtgttagcc aggatggtct cgatcccctg 4020
292 acctgtgat ctgccgcct tggcctccca aagtgtggtg attacaggcg tgaaccaccg 4080
294 tgccggcct ttttttttt ttttttgaga cggggtcttg ctatgttgcc caagctagt 4140
296 tcagactcct ggcttcaagt aatcctccca ccttggaact cccagtagct gaagctacag 4200
298 gtatgcacca tcttgttcca ttttaaccat tgcttttgtt tgtttctttg tttcagagtc 4260
300 tctactagtt gctcaggctg gactacagt gctcaatctt ggctcactgc aacctccacc 4320
302 tcctgggttc aagcaattct cctgcctcag cctccogagt agctgggatt acaggcgtgc 4380
304 accaccatgc cgggctaatt ttttgtatt ttagtagaga 4420
307 <210> SEQ ID NO: 6
308 <211> LENGTH: 4420
309 <212> TYPE: DNA
310 <213> ORGANISM: Homo sapiens
312 <400> SEQUENCE: 6
313 tctctactaa aaatacaaaa aattagccgg gcatgggtgt gcacgcctgt aatcccagct 60
315 actcgggagg ctgaggcagg agaattgctt gaaccaggga ggtggagggt gcagtgaacc 120
317 aagattgagc cactgtactc cagcctgagc aactgagtga gactctgaaa caaagaaaca 180
319 aacaaaagca atggttaaaa tggaaacaaga tgggtgcatac ctgtagcttc agctactggg 240
321 gagtccaagg tgggaggatt acttgaagcc aggagtctga cactagcttg ggcaacatag 300
323 caagaccccg tctcaaaaaa aaaaaaaaaa aggcggggca cgggtggttca cgcttgaat 360
325 cccagcactt tgggaggcca aggcgggcag atcacaaggt caggggatcg agaccatcct 420
327 ggtaaacacg gtgaaactcc atctctacta aaaaaaaaaa aatacaaaaa attagctggg 480
329 cgtgggtggca ggcgcctgta gtcccagcta cttgggaggc tgaagcagga gaatggcgtg 540
331 aaccaggag gcggagcttg tagtgagccg agatcgccg actgcactcc agcctgggcg 600
333 acagagcaag attcgcgtct aaaaacagaa aaaagtaagt tataatggta agttgtatgt 660
335 tatatgtatt ttaccacaaa aaggccggt gtactggaaa caaagaacaa ataaaaatgt 720
337 ataaccattc caagctcatg ggtggtccaa gaagaaacat gagctggacc ttggcccatg 780
339 agcaatggct ttccaacttc tgttgaggt gatgccattg atggaataaa ccatgatttt 840
341 tctttcttct ttttgagatg gagtcttgct atggtgccc agctagtcat ccaggatgga 900
343 gtgcaggggc acgatctcag tgcactgcaa cctccacatc cggggttcaa gtgattctcc 960
345 cacctcagcc tcccaagtag ctgggattac aggcacacgc caccacgcc agttaatttt 1020
347 tgtatgtcta atggagacag ggtttcatca tgttgccag gttggtctca agctcctgac 1080
349 ctcaagtgat ccgccgcct tggcctccca aagtgtggtg attacaggcg tgagccaccg 1140
351 gccataaacc atgattttat ttaccagttc tattgtcat gggcatttgg gtatgaatgt 1200
353 ggatgtcat tctcaccag agacataatt attattacta ttttagagaa gtggtcttgc 1260
355 tctgttgccc agactggagt gcagtgtgt gatcataagt cactgtagct tcgaactccc 1320
357 gggctcaagc aattctctca cgtcagcctc cttagtagct gggactaaa gtgcttgtcc 1380
359 gcacatgcc tagcaagagg cattaatttt gtcatgtttg catcagccac cttgcatgc 1440

```

RAW SEQUENCE LISTING

DATE: 07/06/2005

PATENT APPLICATION: US/09/986,234C

TIME: 07:59:48

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt

Output Set: N:\CRF4\07062005\I986234C.raw

```

361 aaaactctgc ttgtctacct gttcctcaga ccacagcccc tggcattatc cctggggcac 1500
363 cacctcctga ccagtctctg gacatgaaga cggaggccct gttggaagtg ggaaggctcc 1560
365 ctctctctc cagcccttac tgtctgtcca ggggttctct cttggccccg gatgtgggac 1620
367 cggagggttg ggggcccagg gacttattag ccaagccagg aagccccacc ccaagaggcc 1680
369 tcaaagaaag agctgcggtg caggaattcg tgtgccggat ttggttagct gagccaccg 1740
371 agagggttaag tgacagctgc tcttgcgctt gccatggcac cagcggggag gctggggta 1800
373 aggctgagcc tccatccctg tccccacat ggggggacag ggggtccagg ccaggggcac 1860
375 atcctactcc ctccatgggc cggatcttcc ccacagggca gggctgatcc agctgtgggt 1920
377 ctcttggttc cctctttcag cgctgcagg atgaaagctc tctgtctcct cctcctccct 1980
379 gtctggggc tgttggtgtc tagcaagacc ctgtgtcca tggagaagc catcaatgag 2040
381 aggatccagg aggtgcgagg ctccctaagt gaggaccccc cacttgggca agctcccaa 2100
383 gggctcaga gacctcactg atcctggca cagacctgac tccaaccag cccagcgct 2160
385 caccaaatct catcctcaaa tccaaccaga tcataaatc aaccccaact ccactccaa 2220
387 cccctccgac tgtccccacc ttatccacgg ctccaaaccc aatccccgct ctactccaa 2280
389 accttccctt actccaaaac acccaactca agacagggtc ctggaggcca gtgagctcct 2340
391 atgcccacag ggacctagct ccaaaccaac agggctaggg gaggatggg gagggaccgt 2400
393 ttgtctcac agctccccct gtctcctttc ctctgcccc ccagtattta gggcaataag 2460
395 cagcattggc ctggagtgc agagcgtaac ctccaggggg gacctggcta cttgccccg 2520
397 aggtgagtgc aggagactgt tgtccaggcg ccatctctg tccaagtcc cctgggaatg 2580
399 cccctcccc gccacgttcc ccgtgtccag cctctactcc cctaggatct tggctctgac 2640
401 tccagcctt ctccgcccac catctggaca ctggtgtcca cctcactcc ctgctccag 2700
403 tgccattca gtggttgag cctccagccg tcccgctccc ccccccgcc ccccaaccc 2760
405 cctccgctc tccccacccc cctcccgctc ccacctcag cctcccagct cagagtccac 2820
407 gctcctgtg tccgggtgc aggttctgcc gtcaccggt gcacttgtg ctccgctgt 2880
409 ggctcgtgg atgtgcgctc cgagaccaca tgtactgcc agtgcgagg catggactgg 2940
411 accggagct gctgctgtc tgtgcagccc tgaggtcgag cgcagcgcgt gcacagcgcg 3000
413 ggcggaggc gctccaggtc cggagggtt gcgggggagc tggaaataaa cctggagatg 3060
415 atgatgatga tgatgatgat gatgatggag cggatctgag cctgctgagg tttcttagt 3120
417 agggccgag ggactgatct agcgtctcca agagagtggg gcgcgtagct gctggagggg 3180
419 gcggggacac cgcgactttc tactgcccc tccgcttcc tctatgggg tctccactg 3240
421 ctctctccga aaataggggc tgaacttct ctagtgactg cccacccaa ggctcatggc 3300
423 tgcttcaag aggtgacgtc tcatcttga ggctacctg acctcacc tgggtctcc 3360
425 gacctccca ggaagtggct gggctcttt ccccgagtc tcataatgag gcttcatcga 3420
427 ggacctgggt cagtctgggc agtggacggg accctccagg gcccacagc tccaggaggc 3480
429 ccaggtcagg gtggaaccct gaatcatgtc tcagcccaga gctggaacct gtaccotca 3540
431 ctctctacct gcaaggagga atcccaagg cacaggcaaa gttgggttac ggagagtca 3600
433 ggacgcctac ctgacgtcac gcatcatcac aagctcacgt tttcacacag gcaagtgcag 3660
435 ttgtgagtag ttgattacaa ccagatacac gcagggtgct tacccttcc tggatactag 3720
437 attatgaaaa cacagagcag gggacttgtc tgccttaga tccccccag ggtttcgttt 3780
439 ctctccttcc ctctccctga cactagacaa tcgactcact gtcggagagg aatgtaatt 3840
441 gtgaaagaaa gaggaatgaa aagagagaat gaaagacaaa cgaagaagcg ggagaagacg 3900
443 agcccaggag acaagaagac atacaagaag gggagcagcc atgcgatccc ggaggaaaac 3960
445 aatcatgcga gaacgataac gagcaggcag aacgcgaat gacgtacagg caacgcgacc 4020
447 agagtacaaa gcgcgctgcg gagacagaca agacgactga caaaaacgag aaagaaggaa 4080
449 acagaaaaca gtagaaccaa acgaagcaca gcgcaacata acacgcccag aataagagaa 4140
451 aaccaagaaa cgacagaagg acaatcacag atcacacaga aacaagcgaa gatacaccac 4200
453 acgaaaccaa gtttttttt tttgagacag ggtctcgctc tgttgcccag gctggagtgc 4260
455 agtggtgcaa tctcggtca ccgcaagcct ctgctcctg ggttcaagcg attctcctgc 4320
457 ctgagcctcc cacgtagctg ggactacagg cgctcgccac catacctggc taatttttgt 4380

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/06/2005
PATENT APPLICATION: US/09/986,234C TIME: 07:59:49

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt
Output Set: N:\CRF4\07062005\I986234C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 140

VERIFICATION SUMMARY

DATE: 07/06/2005

PATENT APPLICATION: US/09/986,234C

TIME: 07:59:49

Input Set : N:\efs\09986234C_efs\UPN-L2066AUSA.txt

Output Set: N:\CRF4\07062005\I986234C.raw

L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:120